

# OIL AND GAS

STATE OF PENNSYLVANIA  
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COMMISSIONERS

PENNSYLVANIA  
FOXBURG QUADRANGLE

U.S. GEOLOGICAL SURVEY  
GEORGE OTIS SMITH, DIRECTOR



## LEGEND

- Gas pools in 1st sand
  - Oil pools in Red Valley sand
  - Gas pools in Red Valley sand
  - Oil pools in 100-foot sand (in places called 2nd sand)
  - Gas pools in 100-foot sand (in places called 2nd sand)
  - Oil pools in Nineveh 30-foot sand
  - Oil pools in Bowlder sand
  - Gas pools in Bowlder sand
  - Oil pools in 3rd sand (05 indicates oil and gas)
  - Gas pools in 3rd sand
  - Oil pools in 4th sand
  - Gas pools in 4th sand
  - Oil pools in 5th sand
  - Gas pools in 5th sand
  - Gas pools in Speechley sand
- Structure contours on the top of the Varnport limestone member (contour interval is 10 feet. Datum is mean sea level. Generalized structure of 2nd sand shown in next figure.)
- Oil wells
  - \* Gas wells
  - ▲ Oil and gas wells
  - ◆ Show of oil
  - ★ Show of gas
  - ◆ Show of oil and gas
  - ◇ Dry holes
  - Oil tanks

Frank Sutton, Geographer in charge.  
Topography by R. D. Cummin, R. H. Reineck, and E. W. McCrary.  
Control by E. L. McNair and C. G. Anderson.  
Surveyed in 1905-1907.  
SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

Geology by M. J. Munn,  
under the supervision of Geo. H. Ashley.  
Surveyed in 1908.  
SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

Scale 62500  
1 2 3 4 5 Miles  
1 2 3 4 5 Kilometers

Contour interval 20 feet.  
Datum is mean sea level.  
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